

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/KR2005/000600**A. CLASSIFICATION OF SUBJECT MATTER****IPC7 H04B 7/26**

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC7 H04B 7/26, H04Q 7/38

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
KR : IPC as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

KIPASS, ESPACENET &amp; Keywords : synchronous, asynchronous, (modem or module), handoff, (condition or information) and similar terms

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y	WO/2004/014011 A2 (MOTOROLA INC. ET AL.) 12 February 2004 * page 5 line 13 - page 7 line 1, page 10 line 2 - page 16 line 16 * * page 17 lines 5 - 23, figures 4, 6 *	12, 13, 15, 17 19 - 23
X Y	EP 1119212 A2 (SAMSUNG ELECTRONICS CO., LTD.) 25 July 2001. * paragraphs [0041]-[0044], figure 4 *	18 19 - 23
A	US 2001/0007552 A1 (LEONARD N. SCHIFF ET AL.) 12 July 2001 * the whole document *	1 - 11
A	EP 1102506 A1 (HYUNDAI ELECTRONICS INDUSTRIES CO., LTD.) 23 May 2001 * the whole document *	1 - 35
A	EP 1213941 A2 (SK TELECOM CO., LTD.) 12 June 2002 * the whole document *	1 - 35

☐ Further documents are listed in the continuation of Box C.☒ See patent family annex.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"I" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&amp;" document member of the same patent family

Date of the actual completion of the international search

29 JUNE 2005 (29.06.2005)

Date of mailing of the international search report

**30 JUNE 2005 (30.06.2005)**

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